

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078504.D
 Acq On : 21 Feb 2024 17:37
 Operator : RP/MD
 Sample : P1537-01
 Misc : 4.34G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1

Quant Time: Feb 22 00:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	110065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	223344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50015	42.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.060%
35) Dibromofluoromethane	7.810	113	66104	46.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.269	98	289461	51.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.575	95	106956	64.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.520%

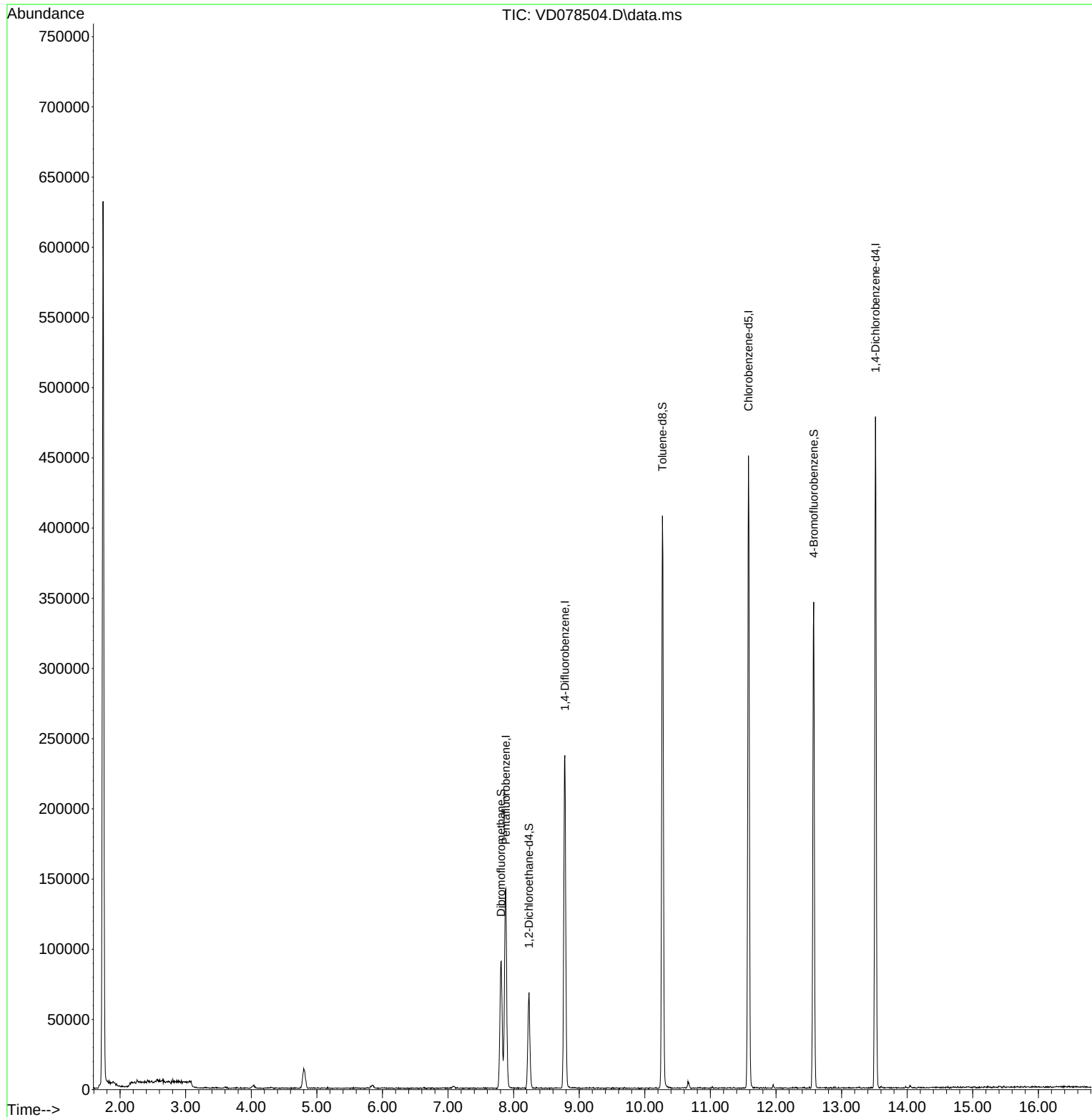
Target Compounds	Qvalue

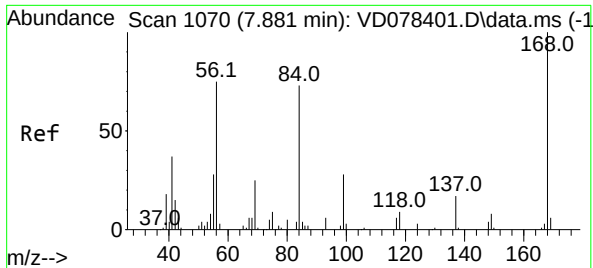
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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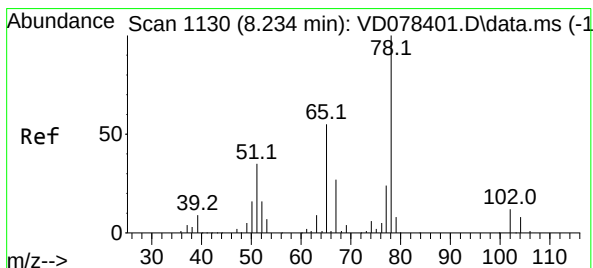
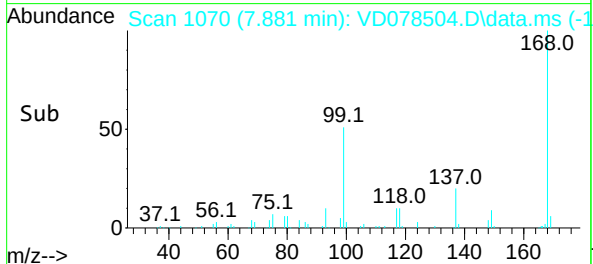
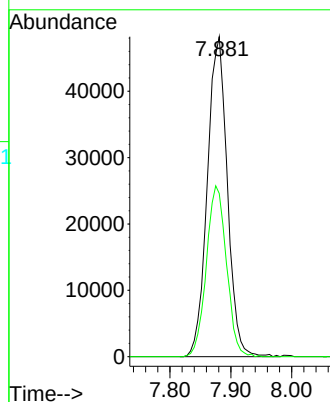
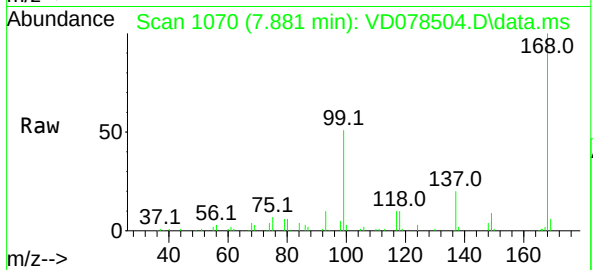




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

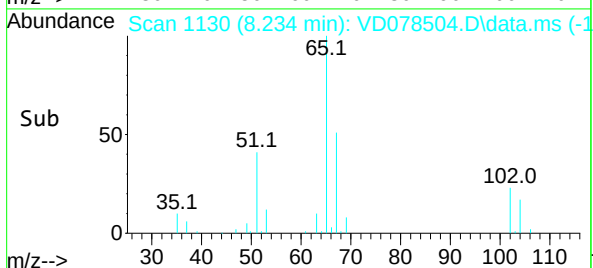
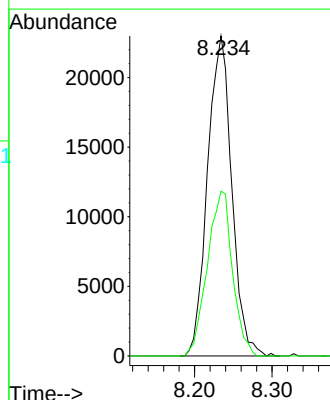
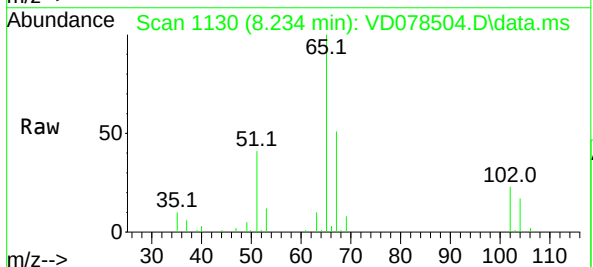
Instrument :
MSVOA_D
ClientSampleId :
1

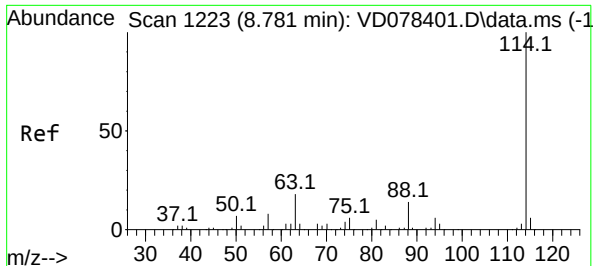
Tgt Ion:168 Resp: 110065
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 42.027 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Tgt Ion: 65 Resp: 50015
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :

1

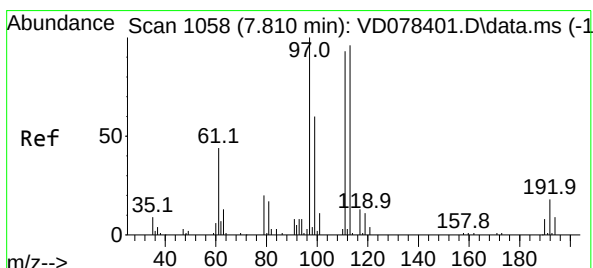
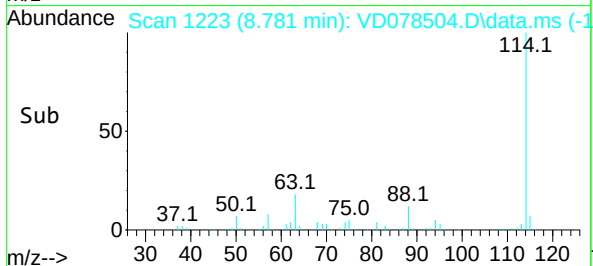
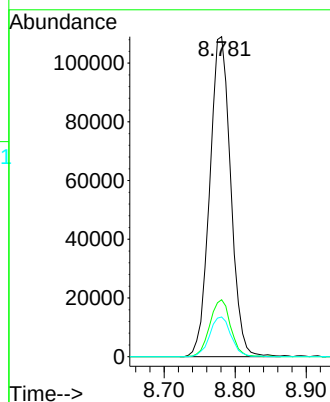
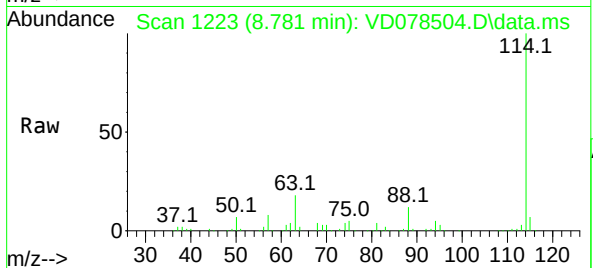
Tgt Ion:114 Resp: 223344

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 12.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.594 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

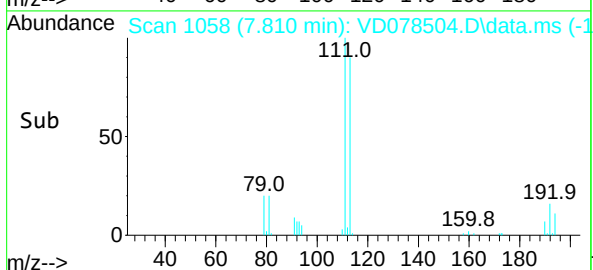
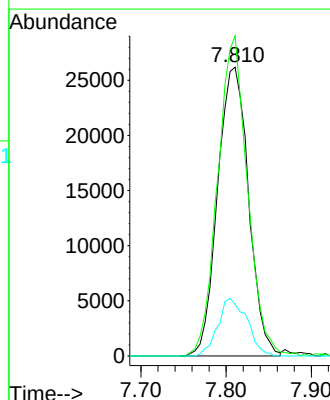
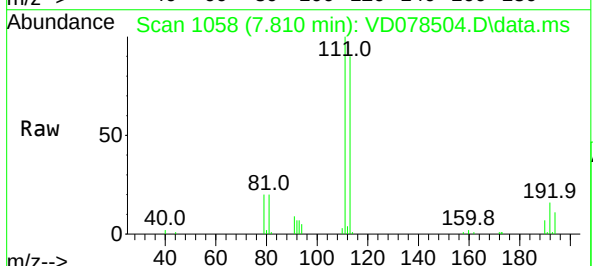
Tgt Ion:113 Resp: 66104

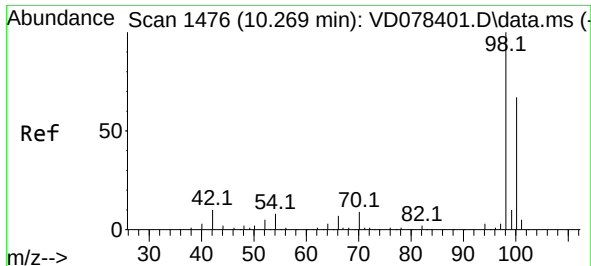
Ion Ratio Lower Upper

113 100

111 106.6 84.7 127.1

192 18.8 16.8 25.2

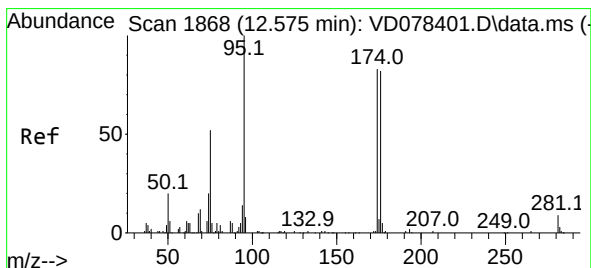
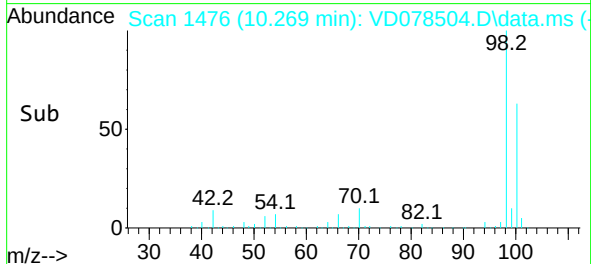
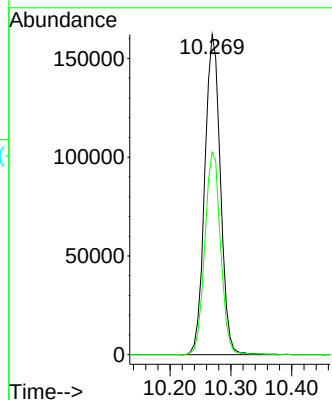
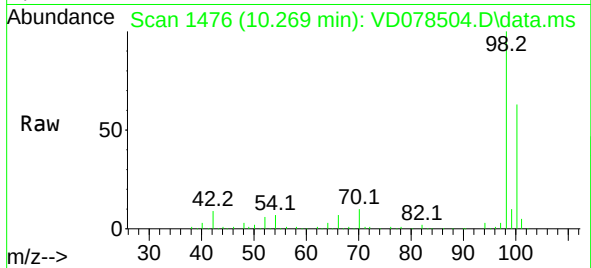




#50
Toluene-d8
Concen: 51.004 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

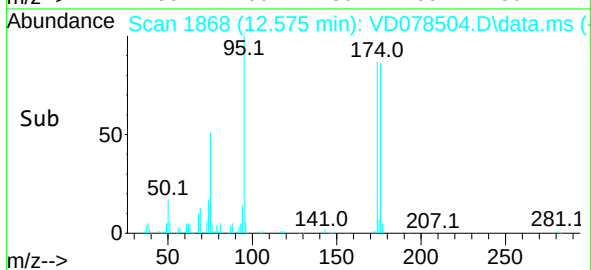
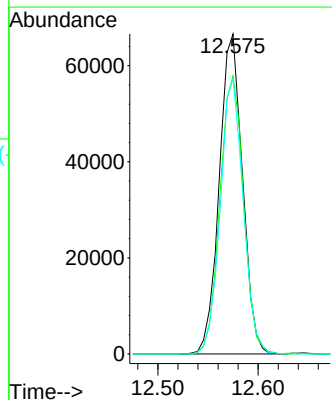
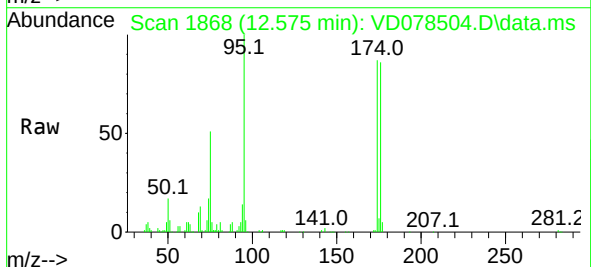
Instrument :
MSVOA_D
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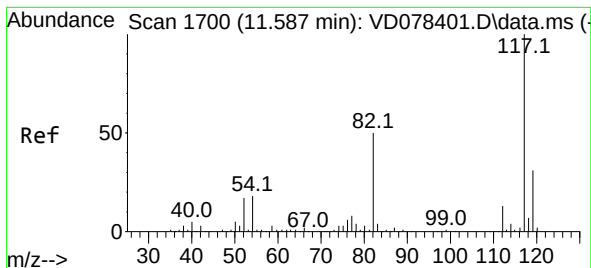
Tgt Ion: 98 Resp: 289461
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.762 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078504.D
Acq: 21 Feb 2024 17:37

Tgt Ion: 95 Resp: 106956
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 85.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :

1

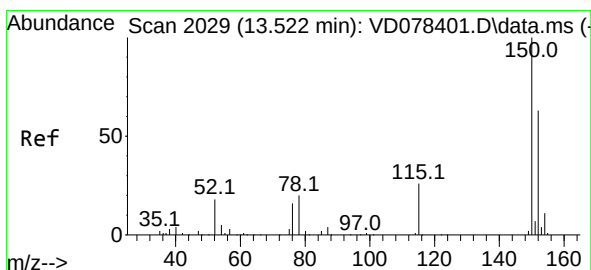
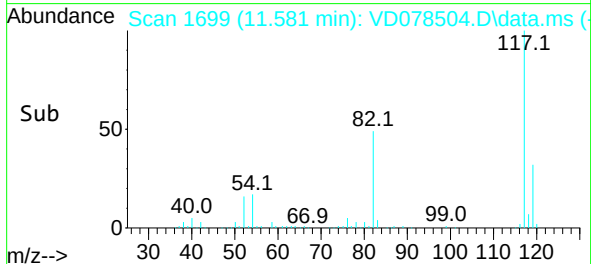
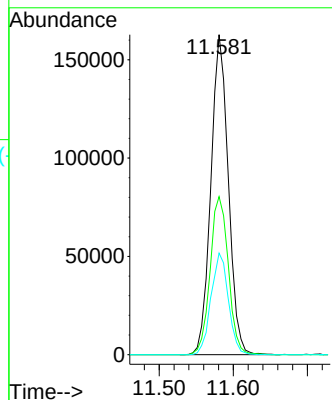
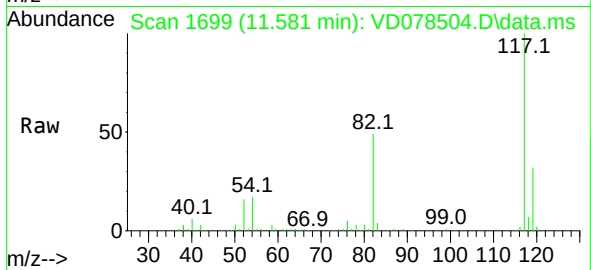
Tgt Ion:117 Resp: 266034

Ion Ratio Lower Upper

117 100

82 49.4 38.3 57.5

119 31.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078504.D

Acq: 21 Feb 2024 17:37

Tgt Ion:152 Resp: 125848

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 157.6 0.0 353.6

